

**From:** Jay Smith  
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**Subject:** Re: 2013 HDOH AECD Running Change  
**Date:** 12/18/2012 01:52 PM

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Tim,

I have a few questions about the on-highway running changes that you recently submitted:

-What does "LE1", "LE2", etc mean on the ISX12 documentation? Are these just different models, etc?

**CBI/ Ex. 4**

Best Regards,

Jay Smith

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▼ [timothy.shipp---12/14/2012 10:45:06 AM---Jay, We are submitting 2013 on highway AECD running changes. These are minor](#)

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To: Jay Smith/AA/USEPA/US@EPA  
Cc: [victor.a.schneider@cummins.com](mailto:victor.a.schneider@cummins.com)  
Date: 12/14/2012 10:45 AM  
Subject: 2013 HDOH AECD Running Change

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Jay,

We are submitting 2013 **on highway** AECD running changes. These are minor calibration changes outlined in the supplemental document at the beginning of each of the running change documents. Engineering tests have demonstrated no change in emissions.

**Tim Shipp**

Senior Engineer - Certification and Compliance

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